

# The Space Place New Millennium Calendar







Astronaut Scott E. Parazynski peers into a window of the International Space Station.  
See more pictures of astronauts at work at [spaceplace.nasa.gov/teachers\\_astronaut\\_images.htm](http://spaceplace.nasa.gov/teachers_astronaut_images.htm).



<http://spaceplace.nasa.gov>

## DECEMBER 2004

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<b>Safe Toy Month.</b> Have fun with two safe toys on The Space Place: build a "Newtonian Physics Machine" or make a pop rocket.			1	2	3	4
LAST QUARTER  5	6 <b>Percy Spencer invents the microwave oven, 1945.</b> See how the universe looks in microwaves in the Land of Magic Windows.	7 <b>Launch in 1966 of Applications Technology Satellite 1</b> (first weather sensor in space on geostationary satellite). Check out Earth weather images for the classroom.	8	9 <b>Astronauts on the Space Shuttle complete repairs to the Hubble Space Telescope, 1993.</b> How good is the amazing Hubble Space Telescope?	10	11 <b>First recorded sighting of the Aurora Borealis</b> took place in New England, 1719. Find out what causes them.
NEW MOON  12 <b>Inventor Guglielmo Marconi receives radio signals from across the ocean, 1901.</b> Find out about today's amazing antennas.	13	14	15	16	17	FIRST QUARTER  18
19 <b>Apollo 17</b> , the last of the Apollo Moon landing missions, returns to Earth, 1972. Check out images of the Moon and Apollo program.	20	21 <b>Winter solstice</b> (first day of winter)  <b>Arthur Wynne creates first crossword puzzle, 1919.</b> Try the MISR crossword.	22	23 <b>Astronauts Borman, Lovell &amp; Anders are first to orbit the Moon, 1968.</b> Find out how orbits work by shooting a cannonball into orbit!	24	25
FULL MOON  26 <b>Time Magazine names Albert Einstein as Person of the Century, 1999.</b> Play the LISA gravitational wave game and find out more about Einstein.	27	28	29	30	31	

Month of December: [spaceplace.nasa.gov/funphysics.htm](http://spaceplace.nasa.gov/funphysics.htm)  
[spaceplace.nasa.gov/rocket.htm](http://spaceplace.nasa.gov/rocket.htm)

Dec. 6: [spaceplace.nasa.gov/chandra\\_magic.htm](http://spaceplace.nasa.gov/chandra_magic.htm)  
 Dec. 7: [spaceplace.nasa.gov/teachers\\_earth\\_weather\\_images.htm](http://spaceplace.nasa.gov/teachers_earth_weather_images.htm)  
 Dec. 9: [spaceplace.nasa.gov/wfpc\\_fact1.htm](http://spaceplace.nasa.gov/wfpc_fact1.htm)  
 Dec. 11: [spaceplace.nasa.gov/teachers/st5\\_magnetism.pdf](http://spaceplace.nasa.gov/teachers/st5_magnetism.pdf)

Dec. 12: [spaceplace.nasa.gov/dsn\\_fact1.htm](http://spaceplace.nasa.gov/dsn_fact1.htm)  
 Dec. 19: [spaceplace.nasa.gov/teachers\\_moon\\_images.htm](http://spaceplace.nasa.gov/teachers_moon_images.htm)  
 Dec. 21: [spaceplace.nasa.gov/misr\\_xword/misr\\_xword1.htm](http://spaceplace.nasa.gov/misr_xword/misr_xword1.htm)  
 Dec. 23: [spaceplace.nasa.gov/orbits1.htm](http://spaceplace.nasa.gov/orbits1.htm)  
 Dec. 26: [spaceplace.nasa.gov/teachers/lisa\\_game.pdf](http://spaceplace.nasa.gov/teachers/lisa_game.pdf)  
 Dec. 30: [spaceplace.nasa.gov/rocket.htm](http://spaceplace.nasa.gov/rocket.htm)